UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450 www.usplo.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

27777 7590 12/28/2010

PHILIP S. JOHNSON JOHNSON & JOHNSON ONE JOHNSON & JOHNSON PLAZA NEW BRUNSWICK, NJ 08933-7003 EXAMINER
COMSTOCK DAVID C

PAPER NUMBER

ART UNIT

DATE MAILED: 12/28/2010

ſ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/790,540	03/01/2004	Hanson S. Gifford III	HRT-0256C2	2779

TITLE OF INVENTION: A DEVICE FOR ENGAGING TISSUE HAVING A PREEXISTING OPENING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(8) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	03/28/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FIEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifical	ed below or directed oth	ng the Patent, advance on perwise in Block 1, by (a) specifying a new corre	spondence address	; and/o	(b) indicating a sepa	correspondence address as trate "FEE ADDRESS" for
CURRENT CORRESPONDI	ENCE ADDRESS (Note: Use Bi	lock 1 for any change of address)	No Fee pag hav	te: A certificate of b(s) Transmittal. The crs. Each addition c its own certificat	mailin is certil il paper e of ma	can only be used for icate cannot be used for such as an assignmentalling or transmission.	or domestic mailings of the for any other accompanying nt or formal drawing, must
	OHNSON I & JOHNSON PLA	AZA	I b Sta ado tras	Cereby certify that these Postal Service of the Mainsmitted to the USF	rtificate us Fec(with sul I Stop TO (57	of Mailing or Trans s) Transmittal is being ficient postage for fir ISSUE FEE address I) 273-2885, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
NEW BRUNSW	ICK, NJ 08933-700	33					(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	₹	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/790,540 TITLE OF INVENTION	03/01/2004 : A DEVICE FOR ENG	AGING TISSUE HAVIN	Hanson S. Gifford III NG A PREEXISTING OP	ENING		HRT-0256C2	2779
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0		\$1810	03/28/2011
EXAM	INER	ART UNIT	CLASS-SUBCLASS	1			
COMSTOCE	K, DAVID C	3733	606-153000	,			
"Fee Address" ind. PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A	ondence address (or Cha 3/122) attached. ication (or "Fee Address 12 or more recent) attach ND RESIDENCE DAT/ tiess an assignce is ident h in 37 CFR 3.11. Comp	"Indication form ed. Use of a Customer A TO BE PRINTED ON	2. For printing on the (I) the names of up to or agents OR, alternat (2) the name of a sing registered attorney or 2 registered patent attributed no name will be THE PATENT (print or ty data will appear on the pT a substitute for filing an (B) RESIDENCE: (CITT)	o 3 registered pater wely, le firm (having as agent) and the nam orneys or agents. If printed.	a memb nes of u no nan	er a 2p to p to se is 3	ocument has been filed for
,	iate assignee category or			Individual 🚨 C	orporati	on or other private gro	oup entity Government
	io small entity discount p	permitted)	Payment by credit ca The Director is hereb overpayment, to Dep	y authorized to cha	rge the	required fee(s), any de	ficiency, or credit any n extra copy of this form).
	s SMALL ENTITY state	as. See 37 CFR 1.27.	b. Applicant is no lor	nger claiming SMA	LL EN	FITY status. Sec 37 Ci	FR 1.27(g)(2).
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req records of the United Sta	uired) will not be accepte tes Patent and Trademark	ed from anyone other than k Office.	the applicant; a reg	istered.	attorney or agent; or th	ne assignee or other party in
Authorized Signature				Date			
Typed or printed name	e			Registration !	No		
This collection of inform an application. Confident submitting the complete this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 C tiality is governed by 35 d application form to the ons for reducing this but firginia 22313-1450. DC 13-1450.	CFR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR	on is required to obtain or 1.14. This collection is es depending upon the indi the Chief Information Offic COMPLETED FORMS T	retain a benefit by stimated to take 12 vidual case. Any coer, U.S. Patent and O THIS ADDRES	the pub minuter omment Trader S. SEN	ic which is to file (and to complete, includir s on the amount of ti- nark Office, U.S. Dep D TO: Commissioner	by the USPTO to process) g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.



UNITED STATES PATENT AND TRADEMARK OFFICE

NITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Offic Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

DATE MAILED: 12/28/2010

Γ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO. 2779		
Ī	10/790,540	03/01/2004	Hanson S. Gifford III	HRT-0256C2			
	27777 7	590 12/28/2010		EXAMINER			
	PHILIP S. JOHN	NSON		COMSTOCK, DAVID C			
	JOHNSON & JOH		ART UNIT	PAPER NUMBER			
		& JOHNSON PLAZA	3733				
	NEW BRUNSWI	CK, NJ 08933-7003		DATE MARKET TO 1000,0010			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 17 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 17 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

Application No. Applicant(s) 10/790,540 GIFFORD ET AL. Notice of Allowability Examiner Art Unit DAVID COMSTOCK 3733 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTQL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFB 1.313 and MPEP 1308. This communication is responsive to RCE and IDS filed 07 May 2010. The allowed claim(s) is/are 21-28 and 30-47. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) \square All b) \(\subseteq \text{Some*} \) c) \(\subseteq \text{None} \) of the: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: _____. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1. | Notice of References Cited (PTO-892) 5. Notice of Informal Patent Application 2. Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413). Paper No./Mail Date Information Disclosure Statements (PTO/SB/08). Examiner's Amendment/Comment Paper No./Mail Date 21 DEC 2005, 07 MAY 2010 4. ☐ Examiner's Comment Regarding Requirement for Deposit 8. T Examiner's Statement of Reasons for Allowance of Biological Material

/David Comstock/

Examiner, Art Unit 3733

9. Other _____.

/FDUARDO C. ROBERT/

Supervisory Patent Examiner, Art Unit 3733

Application/Control Number: 10/790,540

Art Unit: 3733

EXAMINER'S AMENDMENT

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 07 May 2010 has been entered.

Applicant's arguments, see, e.g., reply filed 26 March 2010, page 7, lines 21-32 were not fully persuasive, since the member, e.g., 69, of Tovey et al. appears to be capable of biasing the distal ends of the staple members in the first configuration.

Accordingly, in an interview on 01 April 2010, to preclude a potential rejection, Applicant agreed to amend the claims to further recite that the member is substantially tubular, which is not shown in Tovey et al. Moreover, the prior art does not disclose or render obvious the claimed invention including a substantially tubular member configured to be disposed within the claimed ring and capable of biasing elastic staple members into an open first configuration, as claimed.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Application/Control Number: 10/790,540

Art Unit: 3733

Authorization for this examiner's amendment was given in a telephone interview with Theodore Shatynski on 01 April 2010.

The priority information has been amended as follows:

In the Specification, first paragraph, line 2, after "January 9, 2003, ", --now issued as U.S. Patent No. 7,112,211,-- has been inserted.

In the Specification, page 1, line 3, after "20, 2002, ", --now issued as U.S. Patent No. 6,699,257,-- has been inserted.

The claims have been amended as follows:

In claim 21, line 11, before "member" (first instance), --substantially tubular-- has been inserted.

In claim 21, line 11, before "member" (second instance), --substantially tubular-has been inserted

In claim 21, line 13, before "member", --substantially tubular-- has been inserted.

In claim 28, line 1, before "member", --substantially tubular-- has been inserted.

Claim 29 has been canceled.

In claim 30, line 1, before "member", --substantially tubular-- has been inserted. In claim 31, line 2, before "member", --substantially tubular-- has been inserted. In claim 32, line 1, before "member", --substantially tubular-- has been inserted. In claim 33, line 2, before "member", --substantially tubular-- has been inserted. In claim 33, line 3, before "member", --substantially tubular-- has been inserted. In claim 39, line 5, before "member", --substantially tubular-- has been inserted. In claim 39, line 6, before "member", --substantially tubular-- has been inserted.

Art Unit: 3733

In claim 39, line 7, before "member", --substantially tubular-- has been inserted. In claim 39, line 8, before "member", --substantially tubular-- has been inserted. In claim 42, line 1, before "member", --substantially tubular-- has been inserted. In claim 43, line 2, before "member", --substantially tubular-- has been inserted. In claim 44, line 1, before "member", --substantially tubular-- has been inserted. In claim 45, line 2, before "member", --substantially tubular-- has been inserted. In claim 45, line 3, before "member", --substantially tubular-- has been inserted.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Comstock whose telephone number is (571) 272-4710 (a detailed message should be left if Examiner is unavailable). If attempts to reach the Examiner by telephone or voicemail are unsuccessful, the examiner's supervisor, Eduardo Robert, can be reached at (571) 272-4719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. Application/Control Number: 10/790,540 Page 5

Art Unit: 3733

For more information about the PAIR system, see http://pair-direct.uspto.gov.

Should you have questions on access to the Private PAIR system, contact the

Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/David Comstock/

Examiner, Art Unit 3733

/EDUARDO C. ROBERT/

Supervisory Patent Examiner, Art Unit 3733